

ABSTRACT OF THE DISCLOSURE

The present invention provides methods of producing a pro-N-acetylglucosamine-1-phosphodiester α N-acetyl glucosimanidase (phosphodiester α -GlcNAcase), in mammalian cells deficient in the furin proteolytic enzyme and methods of making

5 lysosomal hydrolases having an N-acetylglucosamine-1-phosphate.